



COMMONWEALTH OF VIRGINIA
Department of Mines, Minerals and Energy
Division of Mined Land Reclamation

Callahan Creek TDS Wasteload Report 2017-Q2

07-01-2016 to 06-30-2017

Watershed Information

Stressor:	TDS	Watershed Acres:	18,432
Wasteload Allocation:	2,610,000	Watershed Permits:	24
EPA TMDL Approval Date:	6/22/2006	Watershed Outfalls:	103

Watershed Wasteload and Reduction Summary¹

	Pre-TMDL Wasteloads ²	Post-TMDL Wasteloads ³	Total
Wasteload Allocation Available ⁴	2,610,000	0	2,610,000
Wasteload ⁵	3,003,659	73,692	3,077,351
Wasteload Balance	-393,659	-73,692	-467,351
Wasteload Reduction Required ⁶	393,659	73,692	467,351
Percent Reduction Required ⁷	13.1 %	100.0 %	15.2 %

¹ Wasteload units are in kg/year unless otherwise noted.

² Pre-TMDL Wasteloads are calculated from outfalls existing before the EPA's approval of the TMDL.

³ Post-TMDL wasteloads are calculated from outfalls added after the EPA's approval of the TMDL.

⁴ The wasteload allocation available for pre-TMDL outfalls is the approved wasteload allocation for the watershed. The wasteload allocation available for post-TMDL outfalls is any remaining balance not used by pre-TMDL outfalls.

⁵ Wasteloads are calculated on a quarterly basis using reported monitoring data, which includes samples taken when an alternate effluent limitation (AEL) precipitation event is utilized.

⁶ In order to meet the wasteload allocation, all negative wasteload balance (i.e. the amount of wasteload exceeding the wasteload allocation) must be reduced.

⁷ The percent reduction required is used to assign wasteload reductions to permits when the watershed's wasteload exceeds the available wasteload allocation.

Permit Wasteload and Reduction Summary⁸

Permit Number	Pre-TMDL Wasteload ⁹	Pre-TMDL Reduction Required ¹⁰	Post-TMDL Wasteload ¹¹	Post-TMDL Reduction Required ¹²	Total Wasteload	Total Wasteload Reduction Required
1101917	0	0	0	0	0	0
1101914	1,665,544	218,286	0	0	1,665,544	218,286
1101916	3,897	511	0	0	3,897	511
1102003	0	0	53,462	53,462	53,462	53,462
1102022	0	0	6,753	6,753	6,753	6,753
1302035	0	0	0	0	0	0
1102052	110,759	14,516	0	0	110,759	14,516
1102051	0	0	0	0	0	0
1602115	300,291	39,356	0	0	300,291	39,356
1202143	0	0	0	0	0	0
1502140	198,372	25,999	0	0	198,372	25,999
1202145	0	0	0	0	0	0
1202147	0	0	0	0	0	0
1102142	0	0	0	0	0	0
1202148	55,162	7,230	0	0	55,162	7,230
1302156	440,959	57,792	0	0	440,959	57,792
1202162	16,181	2,121	0	0	16,181	2,121
1202200	119,061	15,604	0	0	119,061	15,604
1602207	12,708	1,666	0	0	12,708	1,666
1202209	7,654	1,003	0	0	7,654	1,003
1102210	0	0	0	0	0	0
1102213	5,931	777	13,476	13,476	19,407	14,254
1202211	11,057	1,449	0	0	11,057	1,449
1202226	56,082	7,350	0	0	56,082	7,350
Total	3,003,659	393,659	73,692	73,692	3,077,351	467,351

⁸ Wasteload units are in kg/year unless otherwise noted.

⁹ The wasteload calculated from outfalls existing before the EPA's approval of the TMDL.

¹⁰ Pre-TMDL reduction calculated by multiplying the pre-TMDL wasteload by the watershed's pre-TMDL percent reduction required.

¹¹ The wasteload

¹² Post-TMDL reduction calculated by multiplying the post-TMDL wasteload by the watershed's post-TMDL percent reduction required.